

WHAT IS CLAIMED IS

1. An isolated polypeptide comprising an amino acid sequence having at least 80% sequence identity over the entire length of SEQ ID NO: 4 as determined by the GAP algorithm under default parameters, wherein the amino acid sequence encodes a polypeptide having RuvB activity.
2. The polypeptide of claim 1 wherein the amino acid sequence has at least 85% sequence identity to SEQ ID NO: 4.
3. The polypeptide of claim 1 wherein the amino acid sequence has at least 90% sequence identity to SEQ ID NO: 4.
4. The polypeptide of claim 1 wherein the amino acid sequence has at least 95% sequence identity to SEQ ID NO: 4.
5. An isolated polypeptide comprising the polypeptide of SEQ ID NO: 4.